

Appl. No. 10/004,010  
Amdt. dated December 15, 2005  
Reply to Office Action of September 21, 2005

### Remarks

The present amendment responds to the Official Action dated September 21, 2005. The Official Action rejected claims 1-2, 5, 9-16, 19, 21, 23-28, 37-38, and 41 under 35 U.S.C. §103(a) based on Greenberger U.S. Patent No. 6,411,979 ('979 patent) in view of Lee et al. U.S. Patent No. 5,579,253 (Lee). Claims 6 and 20 were rejected under 35 U.S.C. §103(a) based on the '979 patent in view of Lee and further in view of Greenberger U.S. Patent No. 6,675,187 ('187 patent). Claims 3-4, 17-18, and 39-40 were objected to as being dependent upon a rejected base claim, but were indicated to be allowable if rewritten in independent form. These grounds of rejection are moot in light of the present amendment.

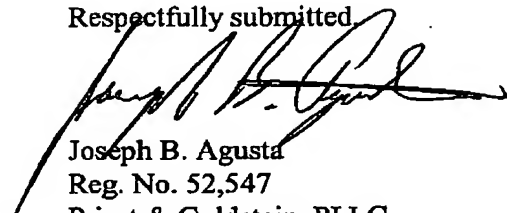
Claims 7-8, 22, and 29-36 have been previously cancelled. Claims 1-2, 9-16, 23-28, and 37-38 have now been cancelled without prejudice. Claims 3, 17, and 39 have been rewritten in independent form placing them in order for allowance. Claim 5, 6, 19, 20, 21, and 41 have been amended to depend from claims 3, 17, and 39 placing them in order for allowance. Claims 42-45 have been newly added. Claims 42-45 are directed towards an apparatus and method for extending the precision of a complex multiplication. Claims 3-6, 17-21, and 39-45 are presently pending with claims 3-6, 17-21, and 39-41 standing in order for allowance.

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Conclusion

All of the presently pending claims, as amended, appearing to define over the applied references, withdrawal of the present rejection and prompt allowance are requested.

Respectfully submitted,



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